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COMP3005A

Asian Comic Book Database

Background

This project is motivated by the need for an organized service that displays comics that consumers are reading, have read, and are interested in reading. I have been a faithful Asian comic book reader all my life, and I know it is difficult to navigate books that we are currently reading, to find specific books we want to read in that moment. I know there are some digital websites that do a crude organization of these comics, if the user has an account like mangago.me, webnovel.com, etc. But these websites do not have the convenience of being able to filter or sort through these comics that users have read.

Thus, making a database that would filter through comic being read, been read, and will be read for consumers would be highly helpful for those who usually follow many comics or like to reread their favourite comics. This database would display publisher info, author information, comic summaries, comic title and main characters. As well as help users filter through their collection of comics to pinpoint a specific comic.

Application Requirements

The following describe what is required from the application.

R1.1) Provide an indexing database that catalogs the comics into different titles and displays comic information like genre, summary, release year and etc..

R1.2) Allow users to search and retrieve information on any specific comic based on title any

R1.3) Allow Users to retrieve information on any author of a manga in the database based on name

R1.4) Can navigate between manga pages and author directories as well as publishing Directory

R1.5) Allows users to add comics to indexing database, based on user authentication

R1.4) Database has about 20 comics initially and represent more than 10 authors.

R1.5) Application hosting is web-based with user interaction through any popular browser (e.g. chrome, Firefox, edge, safari etc.).

Due Diligence (Copyright Issues)

Because the purpose of this database would be to display information about each individual comic it is our belief that we would not be in violation of copyrights. More specifically:

CPY1.1) Even if it is illegal to reproduce works of intellectual property, it is not against copyright laws to build and publish a database where information about intellectual property is displayed and organized. Thus, we do not intend on violating copyrights, by displaying information about comics such as author, publisher, summaries, as this information is public and does not involve reproducing the intellectual property or others. As such we avoid the copyright laws, and we will be able to build/publish the database using information found on opensource websites/platforms.

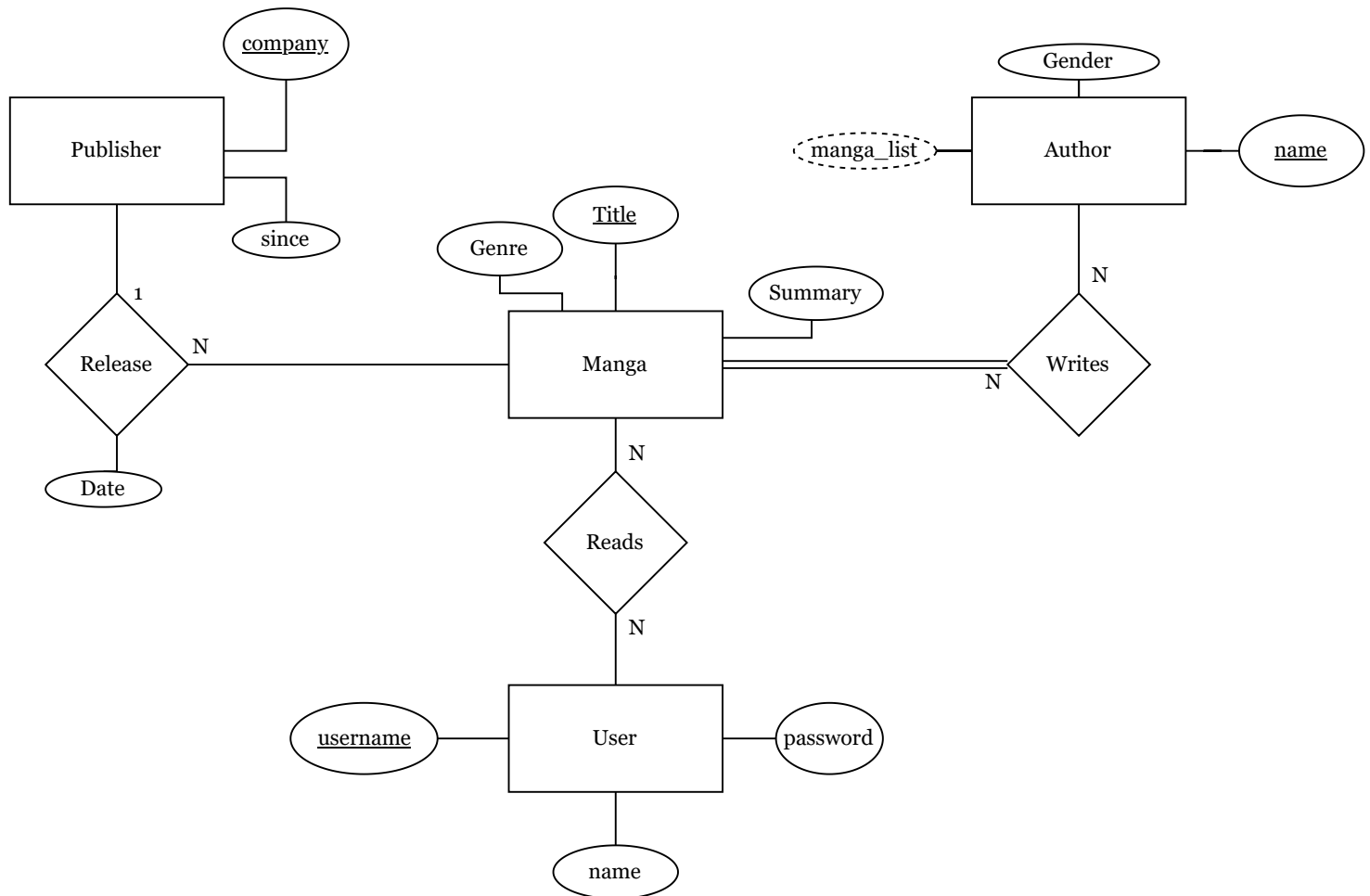
ER-Diagram

My database makes the following assumptions:

- 1) Manga titles are all unique
- 2) Authors have unique names
- 3) Publishing companies have unique names as well

The database will hold the following tables:

- 1) Author (person who wrote the Manga), who has a: unique name and gender
- 2) Publisher (publishing house), who has unique name
- 3) Manga, that has: a summary, some artwork, a unique title, and some genres
- 4) User (person who uses database/website), who has: a pass word, a name, and a unique username



Schema

Publisher:

<u>Company</u>	since
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Manga

Genre	<u>Title</u>	Summary	ReleaseDate	companyName
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User:

<u>userid</u>	username	password
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Author:

<u>Name</u>	Gender	Gender
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